APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/650,270	08/28/2003	Andrew Sendonaris	010326	6608

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QUALCOMM INCORPORATED
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EXAMINER
ROBERTS, BRIAN S

ART UNIT	PAPER NUMBER
2619	

NOTIFICATION DATE	DELIVERY MODE
01/09/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

us-docketing@qualcomm.com
kascanla@qualcomm.com
nanm@qualcomm.com

	Application No.	Applicant(s)
Office Action Summary	10/650,270	SENDONARIS ET AL.
	Examiner	Art Unit	
	Brian Roberts	2619	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _18 October 2007_.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-26_ is/are pending in the application.

    4a) Of the above claim(s) _12-14 and 21-26_ is/are withdrawn from consideration.

5)☒ Claim(s) _1-8_ is/are allowed.

6)☒ Claim(s) _9-11 and 15-20_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

- Claims 1-11 and 15-20 have been examined.

Election/Restrictions

Claims 12-14 and 21-26 are withdrawn from further consideration pursuant to 37

CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable

generic or linking claim. Election was made **without** traverse in the reply filed on

10/18/2007.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 9-11, and 15-20 are rejected under 35 U.S.C. 102(e) as being anticipated

by Soliman. (US 6542743)

The applied reference has a common assignee with the instant application.

Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art

under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome

either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in

the reference was derived from the inventor of this application and is thus not the

invention "by another," or by an appropriate showing under 37 CFR 1.131.

- In reference to claim 9

In Figure 2B and 3, Soliman teaches a receiver configured to receive a

communication signal from a base station (column 8 lines 3-32); a controller configured

to estimate a nominal PN offset of the received communication signals based on a

distance between the mobile terminal and the base station, and to determine a search

window in response to the distance between the mobile terminal and the base station

(column 8 lines 33-64); and a search engine configured to accept the search window

and to perform a search of the received communication signal using the search window.

(column 8 lines 65 – column 9 line 20; column 10 lines 30-59)

- In reference to claim 10

Soliman further teaches the received communication signal comprises a pilot

signal. (column 8 lines 3 – column 9 line 20)

- In reference to claim 11

In Figure 2B and 3, Soliman teaches a mobile terminal that includes a receiver

configured to receive communication signals from a base station (column 8 lines 3-32);

a location engine configured to accept navigational information and to thereby

determine location of the mobile terminal (column 8 lines 33-64); a controller configured

to estimate a nominal PN offset of the received communication signals based on a

distance between the mobile terminal and the base station based on the location of the mobile terminal, and to determine a search window in response to the distance from between the mobile terminal and the base station (column 8 lines 33-64); and a search engine configured to accept the search window and to perform a search of the received communication signal using the search window. (column 8 lines 65 – column 9 line 20; column 10 lines 30-59)

- In reference to claim 15

In Figure 2B and 3, Soliman teaches a base station that includes a receiver configured to receive communication signals from a mobile terminal (column 8 lines 3-32); a controller configured to estimate a nominal PN offset of the received communication signals based on a distance between the mobile terminal and the base station, and to determine a search window in response to the distance from between the mobile terminal and the base station (column 8 lines 33-64); and a search engine configured to accept the search window and to perform a search of the received communication signal using the search window. (column 8 lines 65 – column 9 line 20; column 10 lines 30-59)

- In reference to claim 16

Soliman further teaches the nominal PN offset is transmitted from the base station to at least one mobile terminal. (column 8 lines 3 – column 9 line 20)

- In reference to claim 17

Soliman further teaches the search window is transmitted from the base station

to at least one mobile terminal. (column 8 lines 3 – column 9 line 20)

- In reference to claim 18

In Figure 2B and 3, Soliman teaches a base station that includes a receiver

configured to receive communication signals from a mobile terminal (column 8 lines 3-

32; a location engine configured to accept navigational information and thereby

determine a location of the mobile terminal; a controller configured to estimate a

nominal PN offset of the received communication signals based on a distance between

the mobile terminal and the base station based on the location of the mobile terminal,

and to determine a search window in response to the distance from between the mobile

terminal and the base station (column 8 lines 33-64); and a search engine configured to

accept the search window and to perform a search of the received communication

signal using the search window. (column 8 lines 65 – column 9 line 20; column 10 lines

30-59)

- In reference to claim 19

Soliman further teaches the nominal PN offset is transmitted from the base

station to the mobile terminal. (column 8 lines 3 – column 9 line 20)

- In reference to claim 20

Soliman further teaches the search window is transmitted from the base station to the mobile terminal. (column 8 lines 3 – column 9 line 20)

Response to Arguments

Applicant's arguments filed 10/18/2007 have been fully considered.

- In the Remark's on pg. 10 of the Amendment, the Applicant contends that Soliman does not disclose "estimating a nominal PN offset of signals transmitted between the base station and the at least one mobile terminal based on the distance between the at least one mobile terminal and the base station" and "determining a search window used for processing received signals based on the estimate of the nominal PN offset".

- The Examiner agrees that Soliman does not disclose the limitation of "determining a search window used for processing received signals based on the estimate of the nominal PN offset" of independent claim 1. However, the Examiner respectfully disagrees that independent claims 9, 11, 15, and 18 include that same limitations as claim 1. Specifically, independent claims 9, 11, 15, and 18 fail to include the limitation of "determining a search window used for processing received signals *based on the estimate of the nominal PN offset"*. Rather independent claims 9, 11, 15, and 18 include the limitation "determine a search window in response to the distance from between the mobile terminal and the base station" which is taught by Soliman (column 8 lines 65 – column 9 line 20)

Allowable Subject Matter

Claims 1-8 are allowed.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Brian Roberts whose telephone number is (571) 272-

3095. The examiner can normally be reached on M-F 10:00-7:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Wing Chan can be reached on (571) 272-7493. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the
Patent Application Information Retrieval (PAIR) system. Status information for
published applications may be obtained from either Private PAIR or Public PAIR.
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For more information about the PAIR system, see http://pair-direct.uspto.gov. Should
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system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BSR
12/27/2007

WING CHAN
SUPERVISORY PATENT EXAMINER